15.8624将军的规划等战争战争的战争。 建物的过去式和过去分词形式

IOFFE, 1.1.; KLIMOVA, N.V.; MAKEYEV, A.G.

Liquid phase catalytic oxidation of organic compounds on noble metals. Part 3: Oxidation of ethylene glycol to glyoxal. Kin.i kat. 3 no.1:107-110 '62. (MIRA 15:3)

1. Nauchno-issledovatel skiy institut organicheskikh produktov i krasiteley imeni K.Ye. Voroshilova.

(Ethylene glycol) (Glyoxal) (Catalysts)

DZHUVARLY, Ch.M.; ALIYEV, Z.I.; KLIMOVA, M.V.; LOGINOVA, S.I.; MELIKOVA, T.A.; PRYAMIKOV, Ye.I.; SAPONOV, V.A.

Sulfuric-acid refining of distillates of motor cil-10 separating acid cil from tar in an electrical field. Azerb. neft. khos. 40 no.9:36-38 S '61. (MIRA 15:1) (Lubrication and lubricants)

TO THE PROPERTY OF THE PROPERT

ALIYEV, Z. E.; DZHUVARLY, Ch. M.; KLIMOVA, N. V.; LOGINOVA, S. M.; MELIKOVA, T. A.

Effect of electrical parameters on oil refining in a highpotential field. Trudy ENIN AN Aserb. SSR 15:46-52 '62. (MIRA 15:10)

(Petroleum-Refining)

THE PROPERTY OF THE PROPERTY O

S/081/63/000/004/035/051 3194/3180

AUTHORS !

Aliyev, Z. E., Dshuvarly, Ch. M., Klimova, N. V., Loginova, S. N., Welikova, T. A.

TITLE

Effect of electric parameters on the refining of oil in a high voltage field

PERIODICAL:

Referativnyy shurnal. Khimiya, no. 4, 1963, 521-522, abstract 4P162 (Tr. Energ. in-ta. AN AmerbSSR, 15, 1962, 46-52 (summary in Amerb.])

TEXT: As a result of work on the determination of the parameters of a continuous plant for the sulfurio acid refining of cildistillates in an electric fractionater it was found that the distillate cil-avtol 10, treated with sulfuric acid, can be successfully refined in the electric fields of different forms of voltage (industrial frequency, rectified and pulsed by mono- and dipole waves) at appropriate field gradients. Each type of voltage and field configuration has its own optimum gradient at which the color of the refined cil conforms with FOCT (COST) standards. The time required for refining is not constant, but depends on the electrical and technological parameters of the plant. A circuit diagram is given for the experimental Car4 1/2

					1
	lectric parame		8/081/63/000/ B194/B180	/004/035/051	
plant. (Ab	tracter's not	### Complete transl	stion.]		
Card 2/2					
CALLESCO TIREST VAN FURRIEVE HORSE		ENGERGE ENGEN		· · · · · · · · · · · · · · · · · · ·	

IOFFE, I.I.; KLIMOVA, N.V.

A CAST OF THE PRESENTATION OF THE PROPERTY OF

Liquid-phase oxidation of hydrocarbons on solid semiconducting catalysts. Kin.i kat. 4 no.5:779-782 S-0 '63. (MIRA 16:12)

1. Nauchno-issledovatel'skiy institut organicheskikh poluproduktov i krasiteley.

KLIMOVA, N.V., starshiy nauchnyy sotrudnik

a actività delate pedeleminatari series attificare i dell'activi di seria.

Chemistry in the cleaning of land improvement canals. Zashch. rast. ot vred. i bol. 9 no. 4:22-23 '64. (HIRA 17:5)

1. Kaliningradskaya oblastnaya opytno-meliorativnaya stantsiya.

The control of the co

在2000年10日 1000年10日 1

PINUSHCH, Boris Maksimovich; ROYTMAN, Mariya Vladimirovna; SARKISYAN, Vachagan Ovanesovich; ESIHYAN, Migran Aleksandrovich; Prinimali uchastiye: KLIMOVA, N.V.; EL'BIRT, M.D.; PARFENOV, A.N., dots., retsenzeht; TARASOV, D.A., prof., retsenzent; AGADZHANOV, S.P., insh., retsenzent

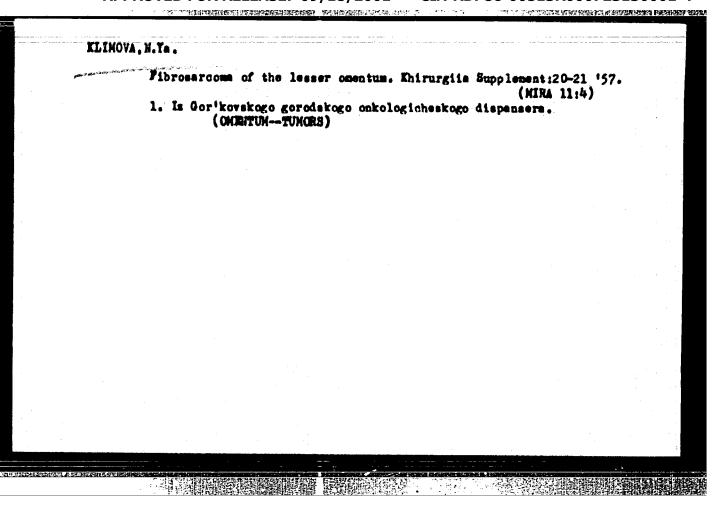
[Electrical equipment for oil and gas fields] Elektrooborudovanie neftianykh i gasovykh promyslov. Moskva, Nedra, 1965. 311 p. (MIRA 18:4)

1. Zaveduyushchiy kafedroy obshchey i spetsial'noy elektrotekhniki Grosnenskogo neftyanogo instituta (for Parfenov). 2. Vsesoyusnyy zaochnyy politekhnicheskiy institut (for Tarasov). 3. Neftyanoye upravleniye Soveta narodnogo khozyaystva SSSR (for Agadshanov).

APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723130001-4"

Der vier in the control of the contr

ACC ME. AP6005617	EII(a) 13P(c) IN SOURCE GODE: UR/0233/65	
UTHOR: Abasevi	S. A. I Baltov, M. A. I Klimova, N. V.	Malin, V. P.
RGI none	The state of the s	properties of
-1 filth	lectric field on dielectric and mechanical	
nn. 3. 1905i	b88R. isvestiya. Sariya fiziko-tekhniqhe: 137-143	
OPIC TAGSI boly	etyrene, electric field, dielectric proper	y, mechanical property
ABSTRACT: The I	oes angle, dielectric constant, electric st o-m thick polystyrene film were measured the machanical properties of the film we	rength, and electrical is at various temperatures and determined. The film
and frequencies: =	ps voltage of 1 to 7 kv in special cells wh	ere the illim was accordant
-1-1-1-neep	de, and a second at the Dinte are	presented of tg P
with or fixed at a	Alar had been aged at 3-1 K	
with or fixed at a d measured at 1000	listance (airgap) from the film. cps after the film had been aged at 3-7 kg	
with or fixed at a comeasured at 1000	cps after the film had been aged at 3—7 kg	



THE PART OF THE PROPERTY OF THE PARTY OF THE

FOGRALIK, V.G., prof., red.; BELOUSOV, S.M., red.; BOL'SHEV, I.M., red.; KLINOVA, M.Ya., red.; KOROLEV, B.A., red.; YASHANIN, Yu.V., red.;

· (5 TEXAMORPHER PROPERTY AND SECURIORS SECTION OF THE SECTION OF

[Problems in the pathology and treatment of blood system diseases] Voprosy patologii i terapii sistemy krovi. Gor'kii, 1961. 197 p. (KIRA 14:12)

1. Gospital naya terapevticheskaya klinika Gor'kovekogo mediteinekogo instituta im. S.M.Kirova i Gematologicheskoy kliniki pri Oblastnoy stanteii perelivaniya krovi (for Vogralik). 2. Gor'kovekaya oblastnaya stanteiya perelivaniya krovi (for Bol'shev, Klimova, Tashanin). 3. Klinika gospital noy khirurgii Gor'kovekogo mediteinekogo instituta im. S.M.Kirova (for Korelev). (BLOOD-DISMASES)

KLIMOVA, N.Ya.; YASHANIN, Yu.V.

Bone marrow transplantation in the clinic. Problemat.i perel. krovi no.9:26-28 '61. (HRA 14:9)

1. Is gematologicheskogo otdeleniya Gorikovskoy oblastnoy stantsii perelivaniya krovi.
(MARROW--TRANSPLANTATION) (AGRANULOCYTOSIS)

KLIMOVA, Nina Yaroslavna; SIMONYAN, K.S., red.

[Work experience of the Gorkiy Province Blood Service]
Opyt raboty Gor'kovskoi oblastnoi sluzhby krovi. Moskva, Meditsina, 1964. 73 p. (MIRA 17:12)

1. Direktor Gor'kovskoy oblastnoy stantsii perelivaniya krovi (for Klimova).

ZAK, A.F., K'IMOVA, R.Te., YERMOLOVA, O.B., YAKOBSON, L.M.

等。 1997年中中國國際中央政府國際政府開發的國際, 1997年中央國際政府國際政府與政府政府 1997年中央國際政府政府 1997年中央 1997年中 1997年中

Evaluation of the harmlessness of erythrosycia based on data of various tests. Antibiotiki 10 no.7:622-625 Jl 165.

1. Otdel antibiotikov Kontrol'nogo instituta imeni A.A.
Tarasovicha, Moskva.

KLIMOVA, N.Ye.

Stimulating effect of erythromycin on the development of chick embryo. Antibiotiki 10 no.3:225-229 Mr 165.

1. Otdel antibiotikov Kontrol'nogo instituta meditsinskikh biologicheskikh preparatov imeni L.A. Tarasevicha, Hoskva.

ZAK, A.F.; KLIMOVA, N.Ye.

Acute toxicity of colimycin, mycerin and monomycin according to data from various tests. Antibiotiki 9 no.1:73-76 Ja 164.

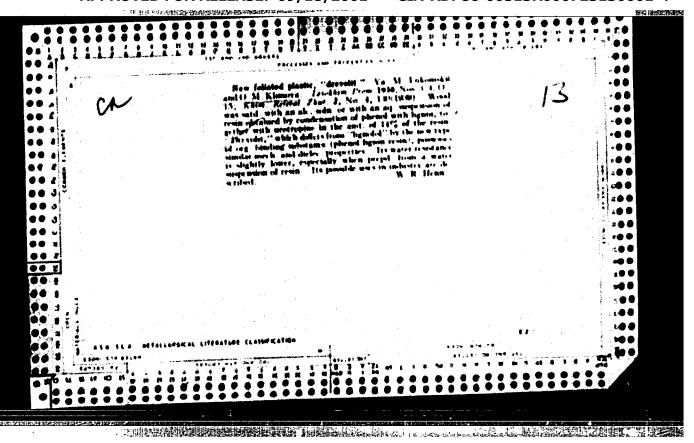
1. Otdel antibiotikov (sav. - prof. L.M. Yakobson) Kontrolinogo instituta imeni Tarasevicha, Moskva.

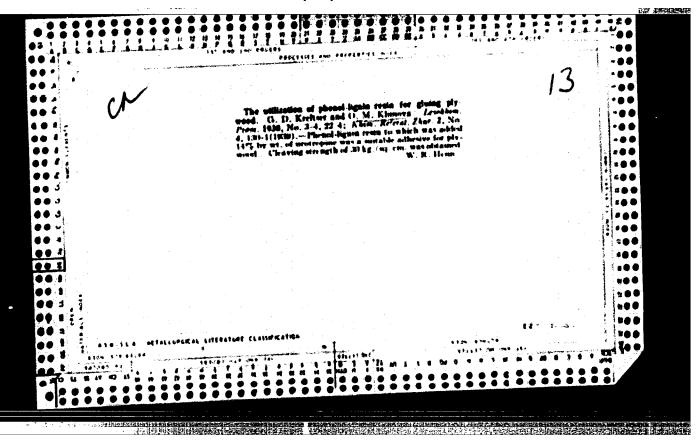
TO THE PROPERTY OF THE PROPERT

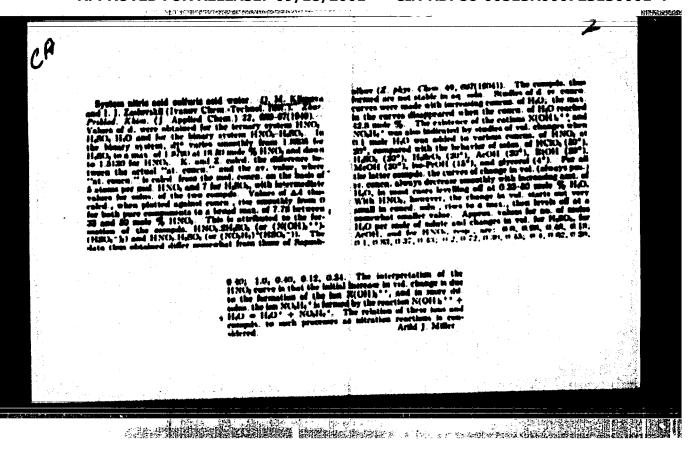
BRATSYKHIN, Yevgeniy Aleksandrovich; KLIMOVA, O.M., red.; ERLIKH,
Ye.Ya., tekhn. red.

[Technology of plastics] Tekhnologiia plasticheskikh mass]
Leningrad, Goskhimisdat, 1963. 399 p. (MIRA 16:4)

(Plastics)







ZASLAVSKIY, I. I.; KLDOYA. O. M.

Acids, Inerganio

Structure of complexes in the system sulfuric anhydride-water. Isv. Sekt. plat.i.blag.met. No 26, 1951.

9. Monthly List of Russian Accessions, Library of Congress, Nov. 1952, Uncl.

KLIMOVA, C. E.

253:14

USER/Chemistry - Sulfuric Acid, Nitrat- May 52

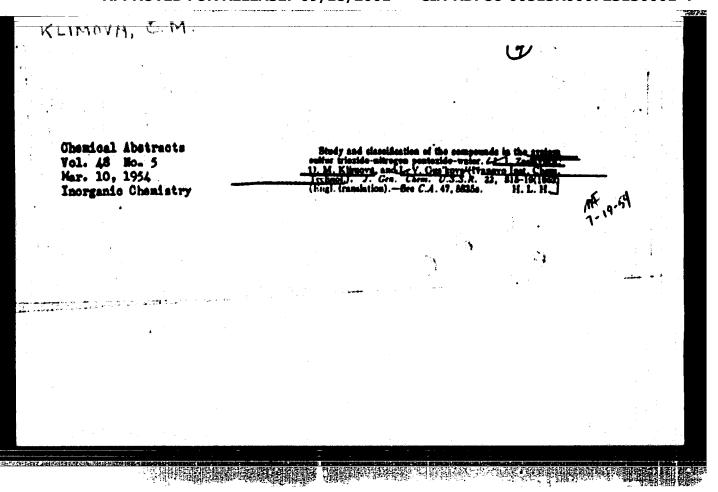
"Study and Classification of Compounds in the System Sulfuric Acid Anhydride - Mitric Acid Anhydride - Water," I. I. Zaslavskiy, O. M. Klimova; L. Y. Gus'kova, Chair of Inorg Chem, Ivanovo Chem-Technol Inst

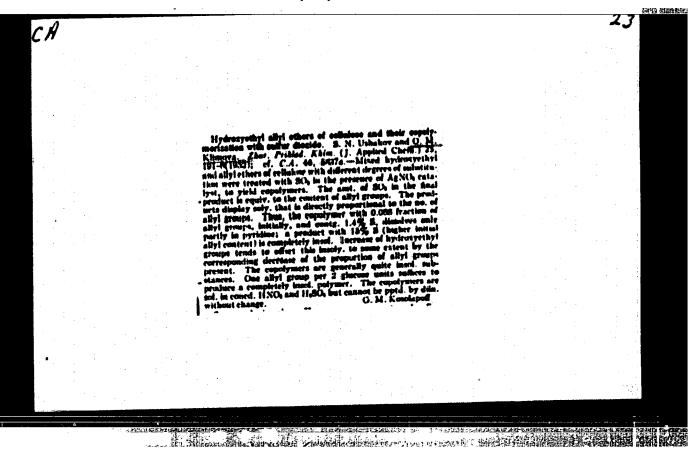
Zhur Obshch Khim, Vol 22, No 5, pp 752-758

In the above liquid system, several compds of definite chem compn were found having the general formula \$205.4803.mH20. Some of the members of this group were separated in cryst form.

258m

Their stability decreases, as the coef m increases, i.e., as the quantity of water in the compd increases. If the coef exceeds 5, this compd does not exist in the liquid state even in partially dissord form. Attempts were made to classify known individual compds of the series E205-4803-mE20.





"APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723130001-4

UBSR/Chemistry - Sulfuric Acid, Mitration Dec 52

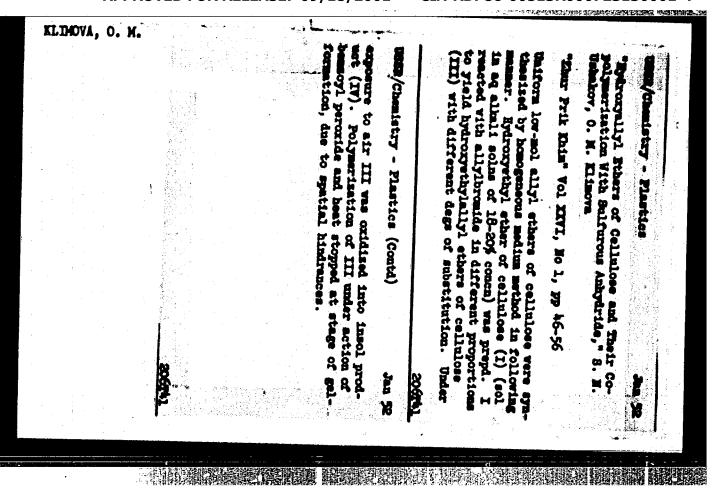
"Outstanding Points on Specific-Gravity Curves for the System Mitric Acid - Cleum," V. A. Usol'tseva,

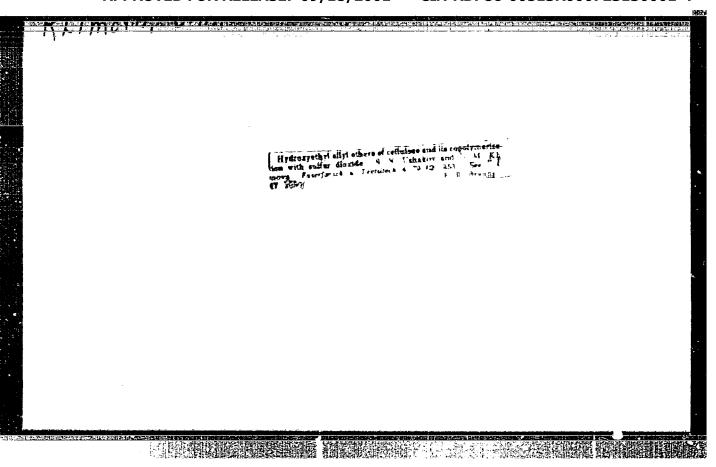
GO. M. Klimova, and I. I. Zaslavskiy) Ivanovskiy
Chemicotechnological Inst

Zhur Prik Khim, Vol 25, No 12, pp 1309-1311

The sp gr at 20° for mixts of nitric acid and various conces of cleum were exptly measured. It was noted that on those parts of the curves corresponding to company with the greatest number of nitronium hydropyrosulfate molecules there are vell expressed bends.

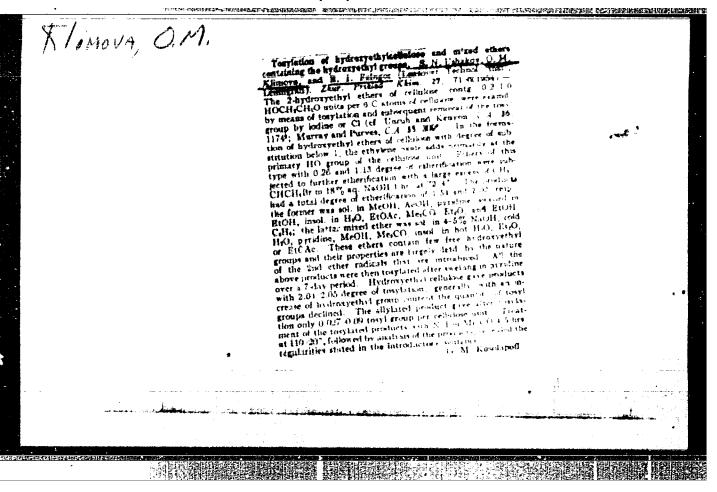
APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723130001-4"

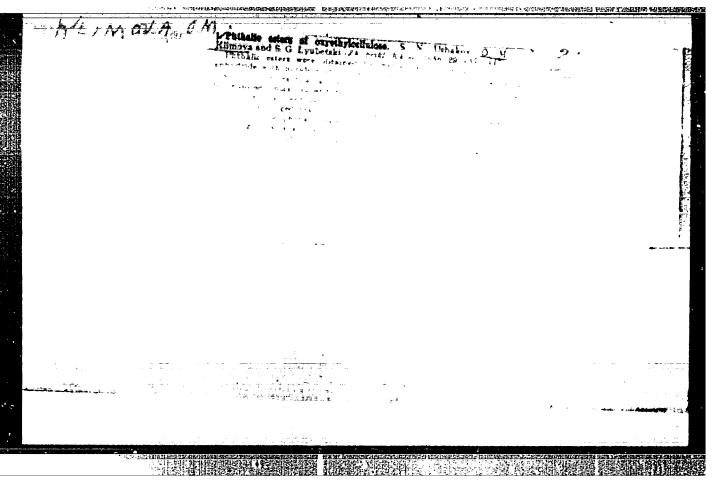


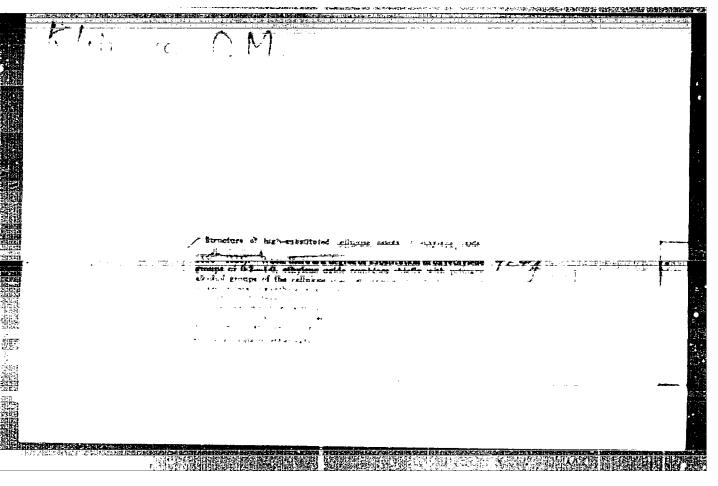


"APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723130001-4

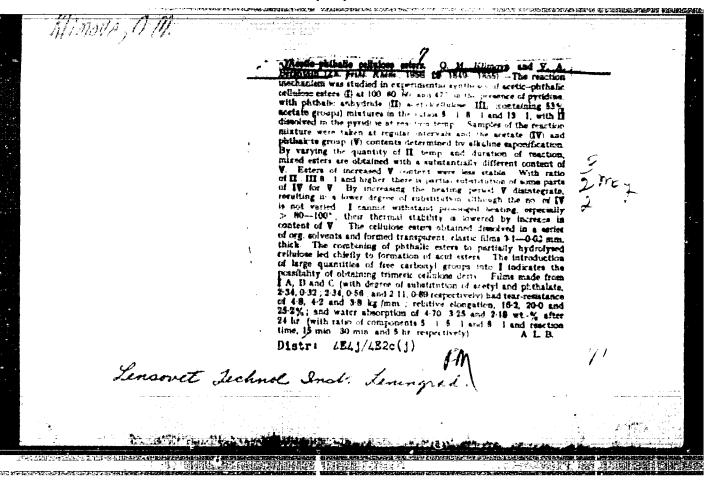






"APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723130001-4



APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723130001-4"

MARWA, C. H.,

"Relative reactivity of the OH-groups of cellulose in ethylation," a paper presented at the 9th Congress on the Chemistry and Physics of High Polymers, 28 Jan-2 Feb 57, Moscow, Leningrad Polytechnic Inst.

B-3,084,395

5.00至3.00分列 2000 P\$P\$ 1.00米克姆·尼亚斯图图图

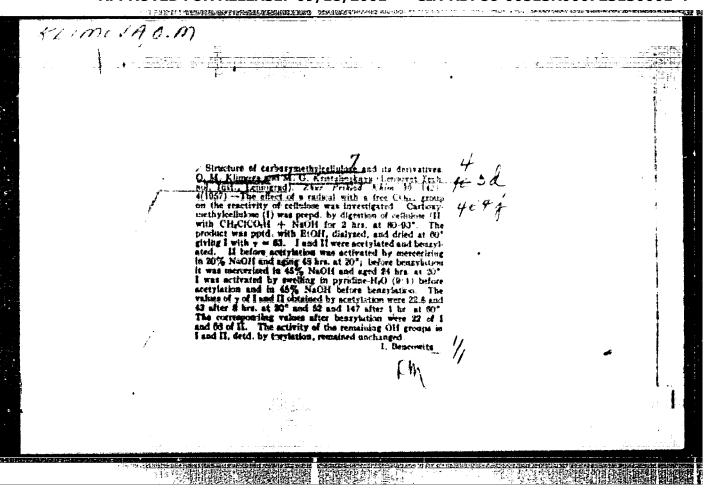
· 中年在1915年的中国的特殊的人的主义的特殊的特殊的人的主义的主义的主义的主义。

Studying the process of descriptation of acetyl cellulose. Ehur. ob. khim. 27 no.8:2096-2099 Ag '97. (NIEA 1019)

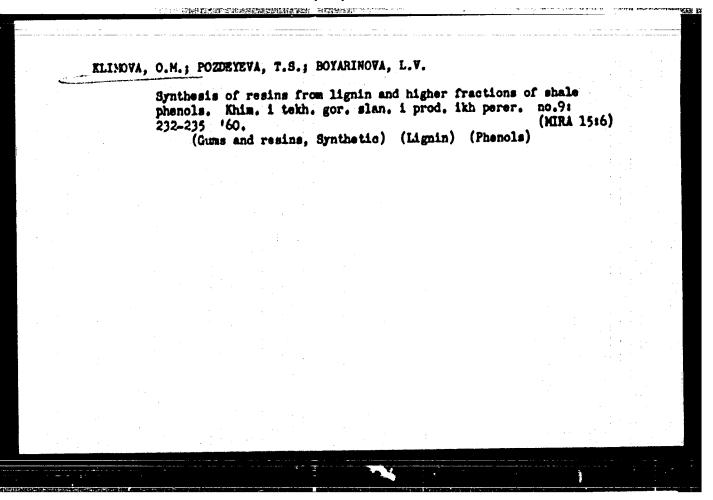
1. Leningradskiy tekhnologicheskiy institut imeni Lensoveta. (Gellulose acetates)

"APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723130001-4



Epoxy resins from shale phenole. Khim, i tekh. gor. slan, i prod. ikh perer. no.9:226-231 '60. (MIRA 15:6) (Epoxy resins) (Oil shales) (Phenols)



S/080/60/033/010/020/029 D216/D306

AUTHORS: Klimova, O.M., and Ketslakh, V.Ye.

TITLE: Trityl esters of polyvinyl alcohol

PERIODICAL: Zhurnal prikladnoy khimii, v. 33, no. 10, 1960, 2319 - 2323

TEXT: The reaction of formation of the so-called trityl ester, i.c. the ester obtained by interaction of triphenylchloromethane with aliphatic alcohols and polysaccharides according to:

 $(c_6H_5)_3$ cc1 + ROH \rightarrow $(c_6H_5)_3$ COR + HC1

was for a long time considered as specific for compounds containing primary alcohol groups and was used to determine the structure of hydroxyl-containing low and high molecular compounds. During examination of structure of the products of polyvinyl alcohols containing primary and secondary hydroxyls, it was discovered that polyvinyl alcohol (PVS) reacts with triphenylchloromethane. The

Trityl esters of polyvinyl alcohol

S/080/60/033/010/020/029 D216/D306

further study of this problems has shown the possibility of obtaining trityl esters of PVS with trityl group content of 7 to 69 pct. The initial PVS used was obtained by alkaline saponification and had a mean molecular weight of 24,000. The pre-activation of PVS was done by two methods (a) the swelling of PVS with pyridine-water mixture (1:9) for 48 hours, after which the water was removed by extractions with water-free pyridine, and (b) heating suspension of dry PVS in water-free pyridine on a boiling water bath for 4 hours with stirring. Tritylation was done in water-free pyridine since it was found that small traces of moisture inhibit reaction completely. The maximum degree of substitution (67-69 mol. pct.) was obtained using an excess of 6 times of triphenylchloromethane with respect to PVS. The increase in the quantity of triphenylchloromethane has not increased the content of trityl groups. Obtained by preactivating with boiling dry pyridine, when the yield of trityl groups decreased from 69.0 to 27 mol. %, the result served to clarify the effect of pre-activation on the tritylation reaction. The physico-chemical properties of products obtained when using

Card 2/3

S/080/60/033/010/020/029 D216/D306

Trityl esters of polyvinyl alcohol

different conditions changed with the change in the content of trityl groups. There are 2 tables, 2 figures and 8 references: 1 Soviet-bloc and 7 non-Soviet-bloc. The 4 most recent references to the English-language publications read as follows: R.C. Hockett, and C.S. Hudson, J. Am. Chem. Soc., 56, 945, 1934; E.L. Jackson, R.C. Hockett and C.S. Hudson, J. Am. Chem. Soc., 56, 1947, 1934; Hearon, Hiatt, Fordyce, J. Am. Chem. Soc., 65, 829, 1954; D.D. Reynolds, W.O. Kenyon, J. Am. Chem. Soc. 72, 1584, 1950.

ASSOCIATION: Leningradskiy tekhnologicheskiy institut imeni Lensoveta (Technological Institute of Leningrad imeni

Lensovet)

SUBMITTED: January 20, 1960

Card 3/3

3/080/60/033/011/010/014 A003/A001

IS \$105 AUTHORS:

Klimova, O. M., Datsenko, V. T.

TITLE:

The Phenyl Esters of Polyvinyl Alcohol

PERIODICAL: Zhurnal prikladnoy khimii, 1950, Vol. 33, No. 11, pp. 2582-2586

The possibility was studied of synthesizing polyvinylphenyl esters with various degrees of substitution by introducing phenyl groups into the chain of polyvinyl alcohol. It was found that in the interaction of polyvinyltosyl with sedium phenolate in a medium of molten phenol (which is a solvent for both components) a complete substitution of tosyl groups by phenyl groups takes place at a temperature of 10-120°C in the course of 5 hours. For this purpose it is necessary to obtain first the tosyl esters of polyvinyl alcohol as intermediary products. The initial material was polyvinyl alcohol with a molecular weight of 24,000. It was preliminarily activated by swelling in pyridine and water or by heating a suspension of polyvinylchloride with an excess of pyridine anywride. To the activated material a solution of paratoluenesulfochloride in pyridine was added. The reaction took place at 18°C during 3-5 days. The substance obtained was washed and dried at a residual pressure of 2-4 mm at a temperature of 30-40°C.

Card 1/3

851418 8/080/60/033/011/010/014 4003/4001

The Phenyl Esters of Polyvinyl Alcohol

It was shown that the degree of adding tosyl groups to polyvinyl alcohol was determined by the ratio of the latter to paratoluenesulfochloride and the duration of the tosylation reaction. The tosyl esters obtained are well soluble in the cold in pyridine, acetone, phenol, and during heating or long standing in chloroform, dioxane, benzyl alcohol and aniline. The tosyl esters obtained were treated with sodium phenolate in the presence of molten phenol. Sodium phenolate was introduced in the amount of 5-7 moles per 1 mole of tosyl ester. The mixture was heated to 90°C until complete dissolution of all components, after which the temperature was raised to 115-120°C. The reaction took place at this temperature during 6 hours under continuous stirring. Several phenyl esters of polyvinyl alcohol were obtained with various degrees of substitution. Phenyl esters containing 31.0 and 88.4 molar \$ of phenyl groups were tested for resistance to alkaline and acidic solutions. They proved to be resistant to 0.1 n aqueous and alcohol solutions of KOH during boiling for 4.5 hours. A 256 aqueous solution of NaOH does not act on the phenyl ester of the polyvinyl alcohol in the cold. Concentrated sulfuric and nitric acids dissolve the polymer. Esters with a high content of phenyl groups melt at 130-150°C. From a chloroform solution of a polymer containing 48.3 molar % of phenyl groups had, transparent, lustrous were obtained which had a high adhesion to glass. The method described Card 2/3

CORRESPONDED NATIONAL SECTION

17 17 多比。 医结肠结肠外腺外腺系统结肠缝细胞结 多数可能组织体系列定则的

USHAKOV, S.N.; KLIMOVA, O.M.; KARCHMARCHIK, O.S.; EMUL'SKAYA, E.H.

Synthesis of blood substitute polymors exhibiting the properties of inhibitors-antioxidants. Dokl. AN SSSR 143 no.1:231-234 Mr 162. (MIRA 15:2)

1. Chlen-korrespondent AN SSSR (for Ushakov).
(BLOOD PIASHA SUBSTITUTES)
(VINIL CCHPOUND POLYMERS)
(CANCER RESEARCH)

KLIMOVA, O.M.; KURAS, A.M.; STEPANOV, V.V.; KHARLAMOVA, H.I.

Synthesis of polyvinylene glycol derivatives. Zhur.prikl. khim. 37 no. 5:1152-1155 My '64. (MIRA 17:7)

1. Leningradskiy Tekhnologicheskiy institut imeni Lensoveta.

ACCESSION NR: APLOL7205 S/0190/64/006/010/1799/1801

AUDIOR: Kazanskaya, V. F.; Klimova, O.M.; Khlebnikov, B. M.

TITLE: Copolymerization of vinylhydroquinone dibenzoate with acrylic and bethacrylic acids

SOURCE: Vy_sokomolekulyarny_re soyadineniya, v. 6, no. 10, 1964, 1799-1801

TOPIC TAGS: vinylhydroquinons dibenzoate, acrylic acid, methacrylic acid, vinylhydroquinone copolymerization, polyacrylic acid, polymethacrylate, azoisobutyrodinitrile

ABSTRACT: The copolymerization of vinylhydroquinone dibenzoate (VIID) with acrylic (AC) and methacrylic acid (MAC) was carried out in sealed Carrius tubes in toluene in the presence of azoisobutyro-dimitrile (1% by weight of the monomers) at 60C. The length of the reaction ranged from 40 min. to 2 hours. The polymers obtained were washed with toluene and ether, dissolved in dimethylowenite, and precipitated with one of the following reagents: dichlorethane, petroleum, ether or acetic acid. The material was dried in a vacuum at 60C, and the results of the experiment were analyzed for monomer activity by the integral method of Mayo and Lewis. The values of r1 and r2 for the AC-VHD pair were found to be 0.44 1 0.13 and 0.95 1 0.002, respectively. For the MAC-VHD pair, they

L 33945-65

ACCESSION NR: AFholi7205

were 1.91 \pm 0.23 and 0.91 \pm 0.25, respectively. The specific activity (0) of VHD based on data from its copolymerization with AC was 1.3, polarity (c) 0.06, while for VHD with MAC Q was 1.80 and c was 0.04. On the basis of these data, the authors conclude that the specific activity of VHD is of the same order of magnitude as that of styrens. Orig. art. has: 2 formulas and 2 tables.

ASSOCIATION: Leningradskiy tekhnologicheskiy institut im, Lensoveta (Leningrad technological institute)

SUBMITTED: 02Dec63

ENCL: 00

SUB CODE: OC

NO REDE SOV: 001

OTHER: 007

Card 2/2

L 54963-65 EWT(m)/EPF(c)/EPR/EWP(J)/T Pc-4/Pr-4/Ps-4 RPL WW/RM ACCESSION NR: AP5014168 UR/0080/65/038/005/1188/1191 678.13

AUTHOR: Klubikova, L. Ye.; Klimova, O. M.; Yarosh, A. V.

TITLE: Copolymerization of vinylenecarbonate and vinylacetate using redox initia-

SOURCE: Zhurnal prikladnoy khimii, v. 38, no. 5, 1965, 1198-1191

Anna Control Control and Contr

TOPIC TAGS: copolymerization, vinylenecarbonate, vinylacetate, redox initiator, polymerization initiator

ABSTRACT: The effect of oxygen, mixing, temperature, and pH on copolymerization of vinylenecarbonate with vinylacetate and the composition of the copolymer was studied in order to determine optimal reaction conditions. The study was done in an aqueous medium using the following redox initiator: $FeCl_3 + ZnO + UV$ irradiation; $H_2H_4 + CuSO_4$; $H_2C_2O_4 + UV$ irradiation; and $(NH_4)_2S_2O_8 + ascorbic acid. There has been no reference in the literature as to the use of the "<math>(NH_4)_2S_2O_8 + ascorbic acid$ " system as a copolymerization initiator for vinylenecarbonate and vinylacetate. The highest copolymer yields (in the range from 60 to 70% 0 were obtained at 20°C using a

Card 1/2

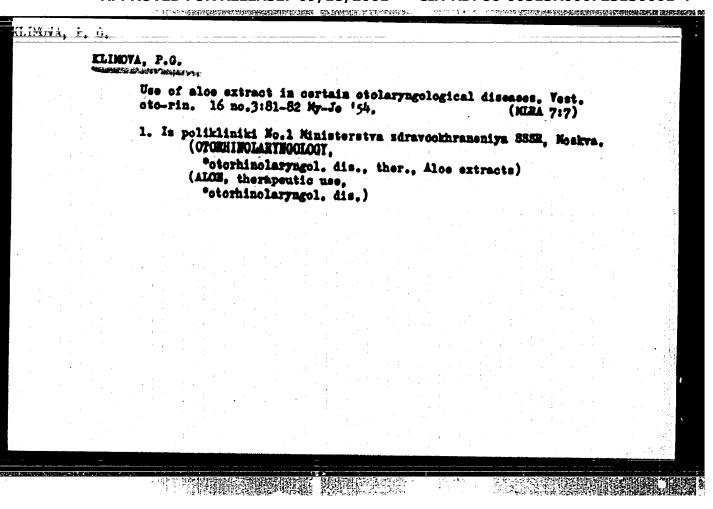
A THE RESIDENCE OF THE PARTY OF			
L 54963-65	The state of the second section of the control of the second of the seco		
ACCESSION NR: AP501	4168	1	-
water:monomer ratio of ascorbic acid. T tual composition the [n] _{20°} varying from ASSOCIATION: Lening	io of 20 mol % of vinylenecarbonat 4:1, 0.01 mol % per liter of (NH ₄) he copolymerization proceded for a copolymer has a characteristic vi 1 to 2.5. Orig. art. has: 3 figuradskiy tekhnologicheskiy institut	25208, and 0.01 mol per liter 48 hours. Depending upon ac- iscosity in dimethylformamide ures and 3 tables.	
Institute of Technol	ogy)		
SUBMITTED: 04Ju164	ENCL: 00	SUB CODE: OCOC	
NO REF SOV: 003	OTHER: 003		
• • •			٤.
		· · · · · · · · · · · · · · · · · · ·	

ACC NR: AP6021974 (A) SCURCE CODE: UR/0153/66/cc9/co2/0314/0316 AUTHOR: Kazanskaya, V. F.; Klimova, O. M.; Tikhomirov, E. A.; Sokolov, G. I. 32 ORG: Plastics Technology Department, Leningrad Technological Institute im. Lensovot (Kafedra tekhnologii plasticheskikh mass, Leningradskiy tekhnologicheskiy institut) TITIE: Copolymerisation of vinylene carbonate with acrylonitrile in aqueous solutions SOURCE: IVUZ. Khimiya i khimicheskaya tekhnologiya, v. 9, no. 2, 1966, 314-316 TOPIC TAGS: acrylonitrile, carbonate, copolymerisation ABSTRACT: Vinylene carbonate (VIN)	
ABSTRACT: Vinylene carbonate (VC) was copolymerized with acrylonitrile (AN) in 8% aqueous solutions at 20°C without adding any special initiators. All the copolymers were purified by reprecipitation from a dimethyl sulfoxide - acetone mixture, the degree of conversion was determined gravimetrically, and the copolymer composition was obtained from ultimate analysis. The relative activity constants of VC and AN of the initial VC - AN mixture, and found to be: for VC, r ₁ = 0.086±0.051; for AN, c ₂ = 3.280±0.117. The specific activity Q for VC was 0.043, and the polarity factor calculated. The intramolecular distribution of monomer units in the copolymers was for an 80:20 ratio of AN to VC in the initial mixture; hence, the copolymer molecular cord 1/2	

fibers) to polyacrylonitrile; Orig. art. has: 1 figure and 2 tables. SUB CODS: 11/ SUBM DATE: 260ct64/ ORIG REF: 004/ OTH REF: 005	2
	· Operation of the particular for the particular of the particular
· · ·	
	Table speciments of the State o
Card 2/2/1/LP	

一、产业还是自己是国际政治和特征与自己的国际的国际企业。

L 41332-66 ENT(m)/ENP(j)/T/ENP(k) IJP(c) ACC NR. 清算/RM AP6025625 SOURCE CODE: UR/0413/65/000/013/0079/0079 AUTHORS: Klimova, O. M.; El'kinson, S. I. 1,0 B ORG: none TITLE:/ Preparative method for copolymers of virylone carbonate. Class 39, No. 183391 announced by Leningrad Technological Institute imeni Lensovet (Leningradskiy SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 13, 1966, 79 TOPIC TACS; copolymer, vinyl plastic, thornal stability, palestic ultrasound ABSTRACT: This Author Certificate presents a preparative method for copolymers of vinylene carbonate. To obtain thermally stable polymeric materials, the solution of vinylene carbonate and polystyrene or polymethyl methacrylate in an organic solvent is subjected to the action of ultrasound. SUB CODE: 07/ SUBM DATE: 22Feb65/ ATD PRESS: 5158 Card 1/1 11b 678.744.52-134.433.5.678.744.52-134.622 UDC:



ORLOVA, L.V.; KLIMOVA, S.P.; RODIONOV, V.M.

"一个"的现在是新原列的ASP的系统,ASPARATE ASPARATE

Radioprotective qualities of the adrenocorticotropic hormone (ACTH). Med. rad. 9 no.6:19-22 Je '64. (MIRA 18:2)

1. Institut biologicheskoy i meditsinskoy khimii AMN SSSR.

RODIONOV, V.M.; ORLOVA, L.V.; TUUL', L.I.; KLIMOVA, S.P.

Effect of stimulation of the peripheral end of the splanchnic nerve on the secretory function of the adrenal cortex. Dokl.

AN SSSR 151 no.5:1238-1240 Ag '63. (MIRA 16:9)

1. Institut biologicheskoy i meditsinskoy khimii AMN SSSR. Predstavleno akademikom A.N.Bakulevym.
(ADRENAL CORTEX) (MERVES, SPLANCHNIC)

A STATE OF THE PROPERTY OF THE

KLIMOVA, T.K.; LEVACHEV, I.A.; STAROSTINA, A.V.; VITEZEVA, K.A.

Some data on tularemia in Archangel Province. Zhur. mikrobiol., epid. i immun. 40 no.6:48-54 Je '63. (MIRA 17:6)

1. Is Leningradskoy protivochumnoy portovoy i gorodskoy nablyudatel'noy stantsii.

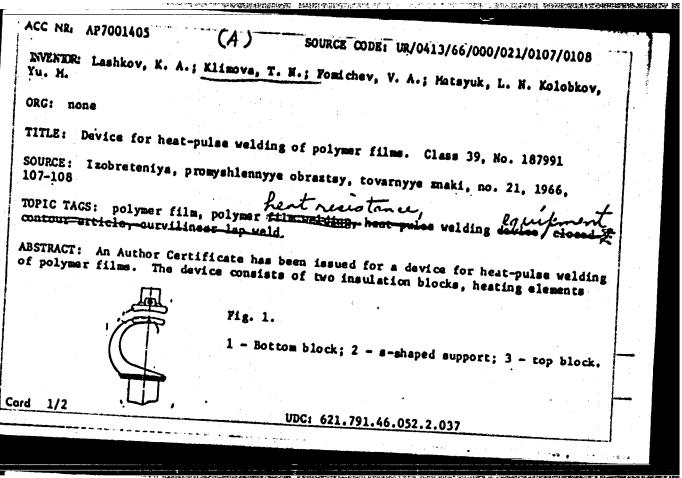
THE STATE OF THE PROPERTY OF STREET AND STRE

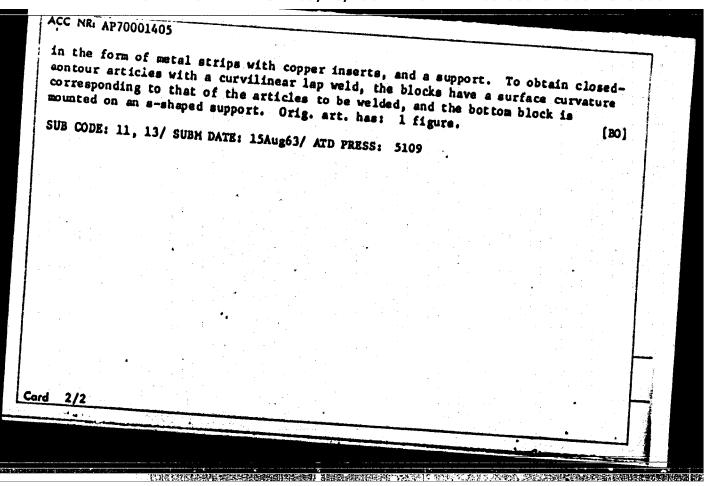
LIPKIN, M.Ye.; ARTYKOV, M.S.; ISAYEV, Yu.V.; POLULYARH, P.A.; VARIVODINA, T.A.; SHILYAYEV, L.F.; PUN'KO, T.A.; ANDREYEVA, A.P.; BAKULINA, L.I.; ABRAMOVA, S.G.; KLIHOVA, T.K.; YEGOROV, V.A.; KEUTTEV, N.I.; KABIROVA, M.B.; DASHEVSKIY, V.V.; SORKIN, Yu.I.; KOLENDGVICH, A.I.; SERGEYEVA, L.I.; NAGAYEV, V.N.; NESTEROVA, G.N.; ALEKSEYEVA, N.A.; GOLHREVA, V.N.; ANISIMOVA, T.I.; OVASAPYAN, O.V.; GALOYAN, V.O.; ARAKELYAN, K.A.

Abstracts of articles received by the editors. Zhur.mikrobiol., spid. i immun. 42 no.3:147-152 Mr 165. (MIRA 18:6)

KLIMOVA, T.Kh.; LORANSKIY, D.N.; YANKOVSKAYA, Z.V.; YANIN, L.V., red.; YEGOROV, Yu.L., red.; MIROKOVA, A.M., tekhn. red.

[Collection of the most important official data on problems of industrial hygiene and industrial sanitation] Sbornik vashnei—shikh ofitsial nykh materialov po voprosam gigieny truda i pro-isvodstvennoi sanitarii. Moskva, Hedgis. No.1. 1962. 314 p. (MIRA 15:10)





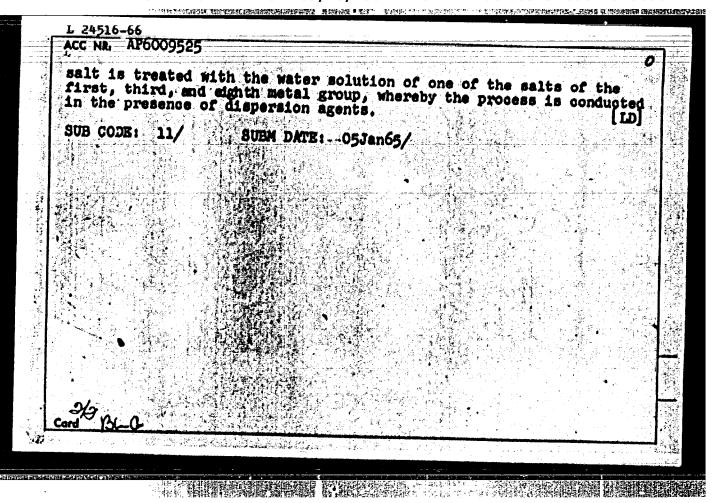
Analytic possibilities of the ten-channel MFS-2 photoelectric spectrometer. Trudy Giprotsvetmetobrabotka no.241347-354 (MIRA 18:11)

KLIMOVA, T.P., knnd. med. nauk

Blunt wounds of the eye and their treatment. Zdrav.Belor. 5 no.6:31-33 Je 159. (KIRA 12:9)

1. Iz Belorusakogo instituta usovershenstvovaniya vrachev (zav.kafedroy oftal'mologii - prof.M.M.Zolotareva) i glaznogo otdeleniya Minskoy oblastnoy bol'nitsy (glavvrach G.A.TSgoyev). (HYE--WOUNDS AND IMJURIES)

2018年1月1日日日本大学日本大学日本大学日本大学工作 ENT(B)/EWP(1)/T 13P(0) ACC NR. AP6009525 SOURCE CODE: UR/0413/66/000/005/0049/0049 AUTHOR: Laptev. N. C.; Shemtova, M. R.; Tabachnikova, N. I.; Klimova, ORG: none TITLE: Preparation of light-resistant, migration-resistant, and heat-resistant varnishes. Class 22, No. 178404 announced by the Scientific-Research Institute for Organic Semifinished Products and Dyes (Nauchno-issledovatel skiy institut organicheskikh poluproduktov SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no, 5, 1966, 49 TOPIC TAGS: varnish, heat resistant varnish, light resistant varnish, ABSTRACT: An Author Certificate has been issued describing a method for obtaining light-resistant pmigration-resistant, and heat-resistant varnishes made with sulfonated linear quinacridone To produce varnishes suitable for coating plastics, rubber, and fflm-forming compounds, the sulfonated linear quinacridone, either in the form of a water-soluble 2 UDC: 667,636,44/46 4



KLIMOVA, T. V.

Klimova, T. V. - "Results of investigatin the printing chronograph", Soobshch. Gos. astron. in-ta im. Shternberga, No. 31, 1949, p. 20-26.

SO: U-4110, 17 July 53, (Letopis 'Zhurnal 'nykh Statey, No. 19, 1949).

THE PROPERTY OF THE PROPERTY O

10904-66 EWT(m)/T/EWA(m)-2/EWA(h) LJP(c)

ACC NRI AP6002614

SOURCE CODE: UR/0258/65/005/006/1010/1020

AUTHOR: Galkin, V. S. (Hoscow); Qusey, V. N. (Hoscow); Klimova, T. V. (Hoscow)

ORG: none

47

TITLE: Characteristics of a hypersonic viscous gas flow past bodies of simplest shape and their aerodynamic characteristics

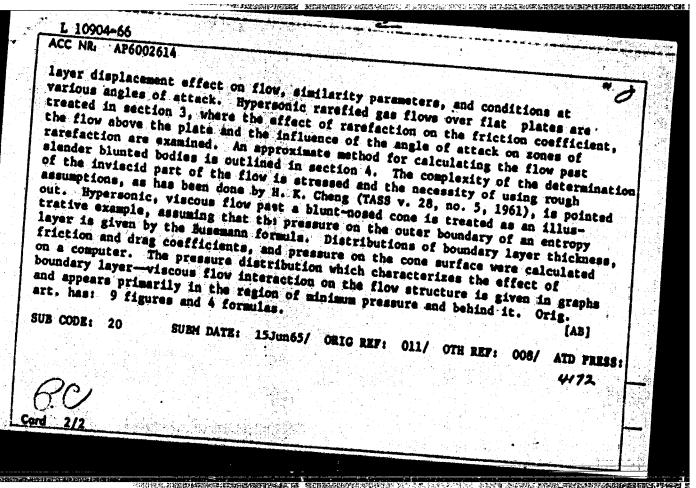
SOURCE: Inshenernyy shurnal, v. 5, no. 6, 1965, 1010-1020

TOPIC TAGS: hypersonic serodynamics, serodynamic characteristics, viscous flow, boundary layer, lift, drag coefficient, friction coefficient

ABSTRACT: This paper presents an analysis of theoretical and experimental data obtained from a large number (19) of studies related to the characteristics of hypersonic viscous gas flows past slender sharp—and blunt-nosed cones and their serodynamic characteristics at various angles of attack in thermodynamically perfect gas flows. In section 1, hypersonic viscous flows past heat-insulated and cooled (Tw << To) slender, sharp-nosed cones with various semiapex angles 0 and angles of attack a are considered. The behavior of drag and lift coefficients under various flow conditions, their dependence on the Knudsen number and parameter 0/Re, and the limits of applicability of the free molecular theory are discussed. Section 2 deals with hypersonic viscous flows past blunt-nosed cones and discusses the effects of viscosity and bluntness on the drag coefficient, the boundary

Card 1/2

UDC: 533.6.011.55



L 55935-65

EWT(d)/EWT(1)/EWP(m)/EWT(m)/EWP(w)/EWG(v)/EWG(d)/EWP(v)/EWP(k)/EWT(d)/EWP(m)/EWP(m)/EWP(w)/EWG(d)/EWP(d)/EWP(d)/EWP(m)/EWP(m)/EWP(w)/EWG(d)/EWP(d)/

FCS(k)/EWA(h)/EWA(c) Pd-1/Pe-5/Pf-4/Pet

ACCESSION NR: AP5016262

UR/0258/65/005/003/0416/0424 533.6.011.55

AUTHOR: Gusev, V. N. (Moscow); Klimova, T. V. (Moscow); Korolev, A. S. (Moscow Kryukova, S. G. (Moscow); Nikolayev, V. S. (Moscow)

TITLE: Hypersonic, viscous gas flows past sharp-nosed cones

SOURCE: Inzhenernyy shurnal, v. 5, no. 3, 1965, 416-424

TOPIC TAGS: hypersonic flow, hypersonic viscous flow, hypersonic flow past cone, hypersonic similitude, real gas effect, drag, friction drag, boundary layer, hypersonic interaction parameter, boundary layer interaction

ABSTRACT: Hypersonic, viscous gas flows past slender sharp-nosed, thermallyinsulated cones at arbitrary angles of attack are investigated. On the basis of the law of viscous hypersonic similitude, expressions are derived for pressure and local skin-friction coefficients, and for the drag acting on the body in the direction of flow. Two limiting cases are considered, that is, I) when the relative thickness of the boundary layer δ is $<<\theta$ (where θ is a thickness ratio), and 2) when $\delta \sim \theta$. In the first case, the friction drag is negligibly small as compared with the wave drag, but in the second case they are comparable. Thus,

APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723130001-4"

ACCESSION NR: AP5016262

the magnitude of the drag is essentially dependent on the relative thickness of the boundary layer; it was determined experimentally in vacuum and in helium aerodynamic wind tunnels at M. = 5.15 with 6 < 0k; at M = 18.5, 20, and 21.5 with $\delta \sim \theta_{\rm K}$, respectively; for cones of semispex angles of $5^{\circ} < \theta_{\rm K} < 20^{\circ}$. The values of the displacement thickness were determined by measuring the angle of the shock wave recorded by the glow-discharge method. The values of the total drag coefficient were plotted as a function of the parameter of VReo. Optimal parameters of sharp-nosed comes in hypersonic viscous gas flows with respect to minimum drag were investigated at various fixed values of one of the geometric parameters, such as length, surface, or volume. Hypersonic viscous gas flows past comes at small, then at large angles of attack, were also considered and experimentally investigated at the following values of the hypersonic interaction parameter: x = 2.5, 4.5, and 4.7. An analysis of the results shows that viscosity effects are substantial only at small angles of attack in the range of interaction parameter considered here, and that when the angle of attack is increased, the magni'udes of the total forces applied to the cone by a viscous flow coincide with those obtained from using the theory of ideal flows. Orig. art. has: 5 figures and 5 formulas. [EA]

ASSOCIATION: none

2/3

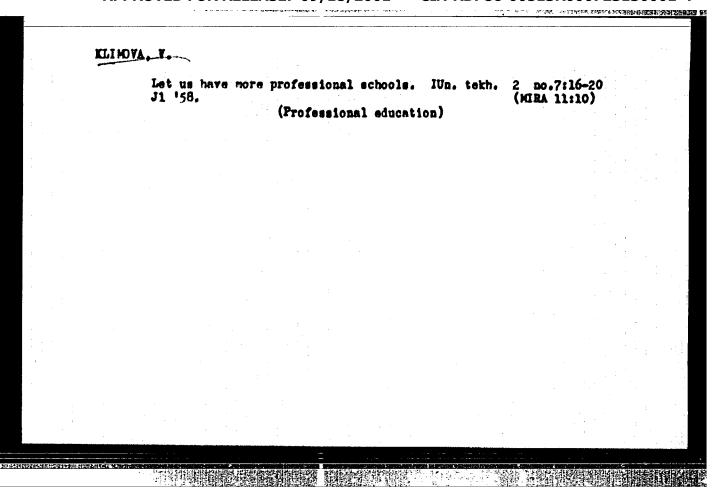
KLIMOVA, V.

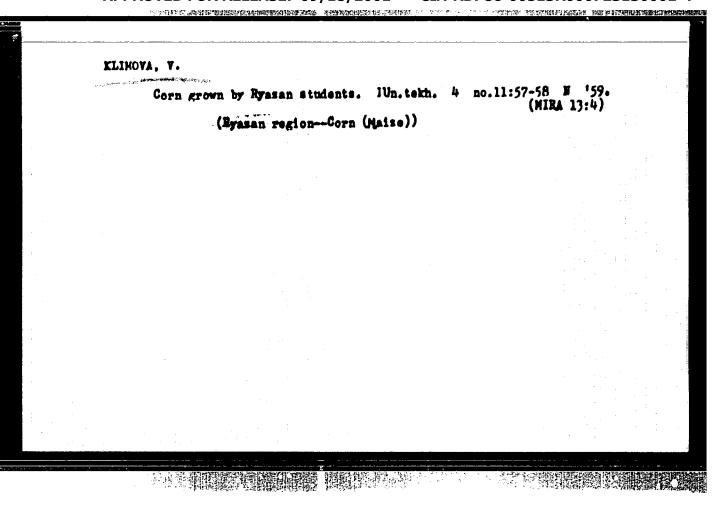
To the Tatra Mountains on new electric motorcars. p. 98. Green light of the Spartakiad of railroad men. p. 99. ZELEZNICE, Prague, Vol. 4, no. 4, Apr. 1954.

· 一直在10年10日10日10日10日10日10日10日10日10日10日1日 | 日本日本10日日 | 中国10日日日

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6, June 1956, Uncl.

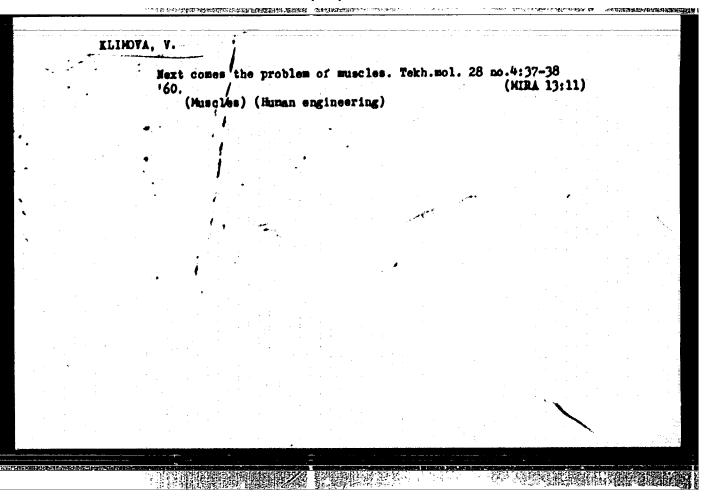
ALLAGA .	•			The second secon	"河西州西北京 沙福县	engants vari
	KLINOVA, V.	A STATE OF THE STA				
	I was :	Counding steel. 1	Un. tekh. no.4:60-62 (Steelworkers)	Ар ¹57. (ИЦ	RA 10:6)	
					•	
	10. 10. 10. 10. 10. 10. 10. 10. 10. 10.					



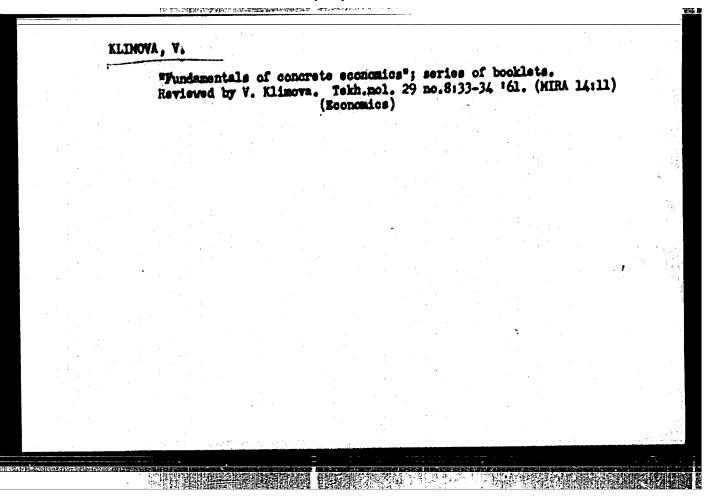


	Two tunnels. Takts mol. 28 no.5.25-26 160	(MIRA 13:7)
	Two tunnels, Tekh.mol. 28 nc.5:25-26 '60. (English ChannelTunnels) (Mont BlanoTunnels)	(NIMA 1):()
	(Mont Riano—Tunnels)	
		•
· · · · · · · · · · · · · · · · · · ·		

Utilizing hieden jethali tilles at enterprises in intvia. Sots. trud 6 no. 2:131-1); / fd. (1. 14:2) 1. Hackel'nik soktore telahalic-skoronicheckikh obesevenny TSuntral'nogo konstant orthogo byuro upravlennya himicheskoy i silikatno-keramani hivy tronya tennonti sovnarkhoza latviyakoy SSR. (latviaCumi i at orrase-later procestivity) (intviaturnon i striaslater procestivity)	KLINOV	A, V.	
TSuntral'nogo konstructorchogo typro upravlennya hhimleheskoy i silikatno-keramiela dicy promphiennosti sovnarkhoza Estviyskoy ish. (LatviaComminity and admine-Labor proceedivity)	To the second se	Utilizing hieden potentialistics at enterprittrud 6 no. 2:131-100 / 161.	
(latvia—Corney 1 corned—Labor productivity)		TSuntral'nogo konsum dogukogo byuro upravi i silikatno-keramisha shey promyshlennosti s SSR. (LatviaCossi il ase corrasLabor pro	loniya ihimlohoskoy sovnarkhosa Latviyakoy oca itivity)
		(latvia-lurange la cirias-labor pi	reduc tivit y)



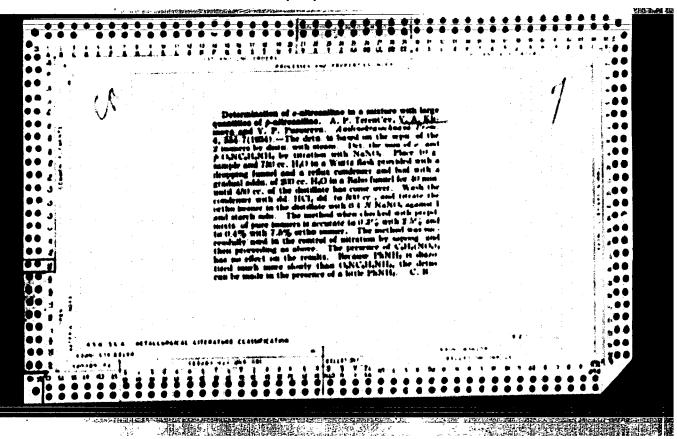
APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723130001-4"



KLIMOVA, V.A.; ZABRODINA, K.S.

Microdetermination of alkoxyl groups by the Zeisel-Viebock modified method. Zhur. anal. Maiss. 18 no.1:109-112 Ja !63. (MIRA 16:4)

1. N.D. Zelinsky Institute of Organic Chemistry, Academy of Sciences, U.S.S.R., Moscow.
(Alkoxy groups)

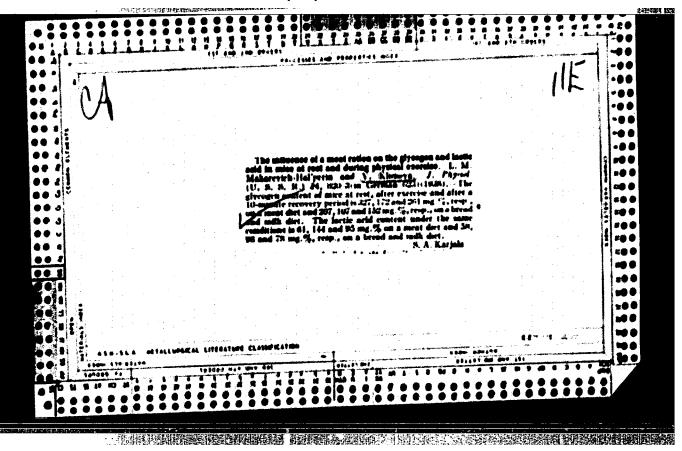


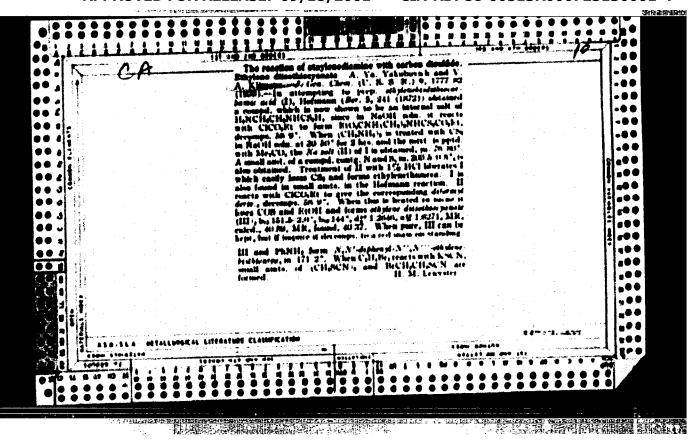
KLINOWA, V. A.

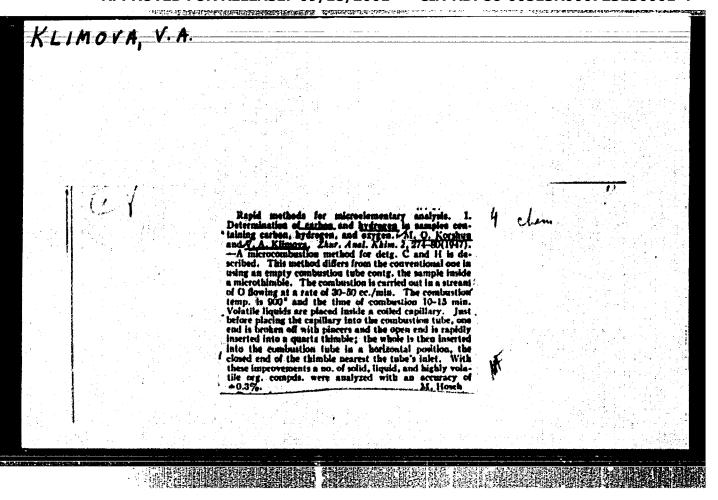
"Synthese des composes organostanniques en passant par les diazoiques".

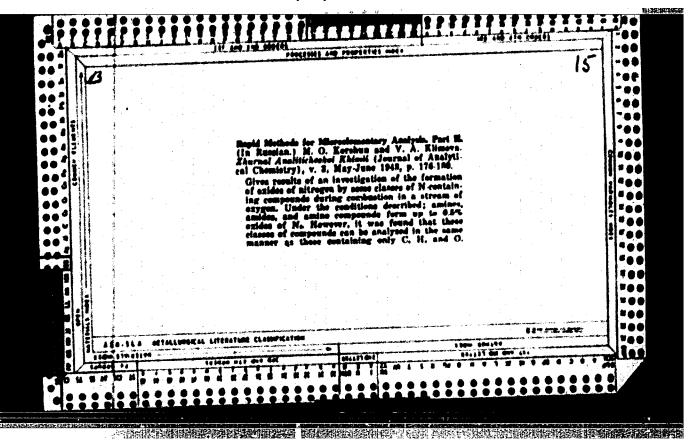
Kotchechkow, K. A., Nesmejanow, A. N. et Klimowa, W. A. (p. 167)

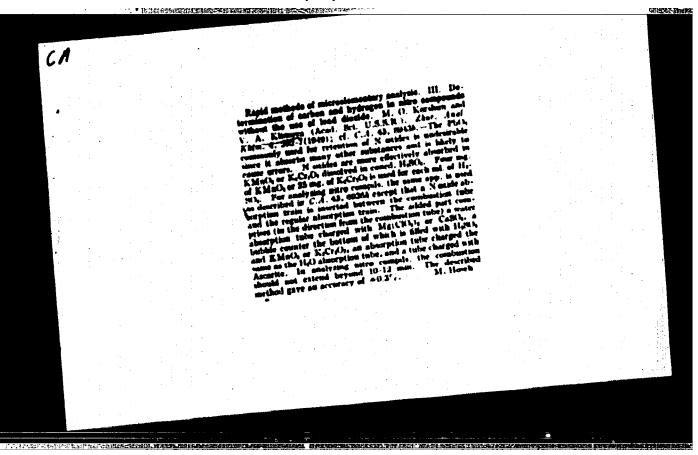
SO: Journal of Ceneral Chemistry (Zhurna Obshchei Khimii) 1936, Volume 6, No. 2

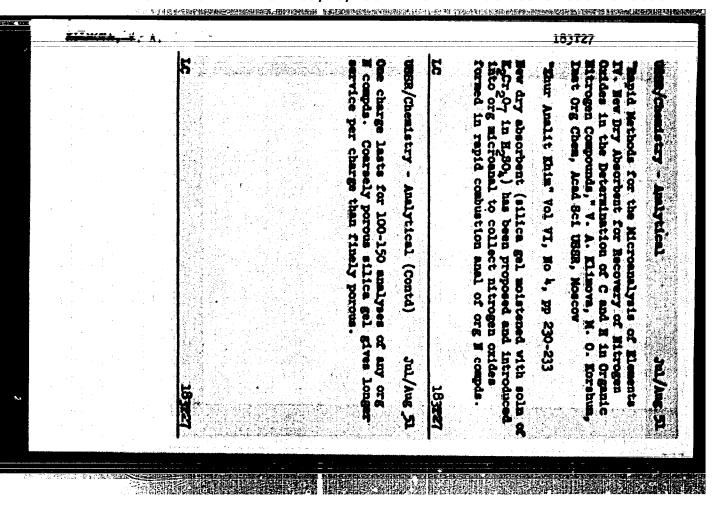












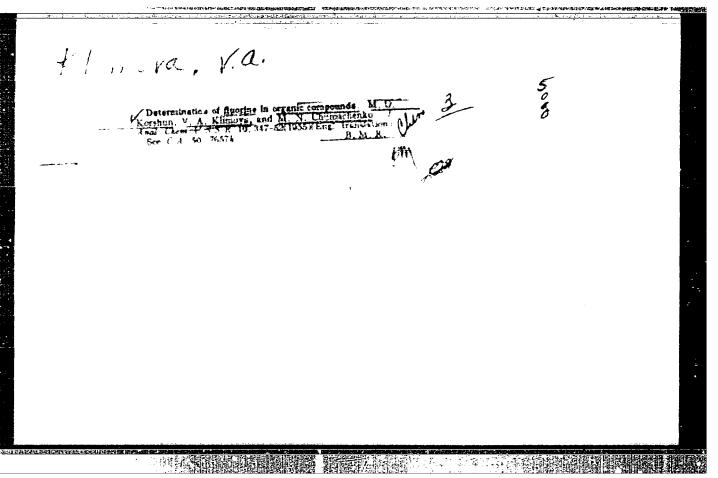
TO THE THE PROPERTY OF THE PRO

KLIMOVA, V. A.		2553828	1 688685	3 8M2:	g
		ementd radicals, although they may be plefely without carbide formation, if subser conditions of partial pyrolysis conditions, in addn to deth of C and letd simultaneously from the same same course; of 15. Presented by Acad A. Presented by Acad A.		"Bapid Microelemental Analysis Method; Simultane Determination of Carbon, Rydrogen, and Silicon," Elimova, M.O.Korshun, Ye. G. Bereznitekaya, Inst Org Chem, Acad Sci USSR "Dok Ak Hauk SSSR" Vol LXXXIV, No 6, pp 1175-1178	
	1 - 1 한 1 전 1 - 1 전 1 전 1 전 1 전 1 전 1 전 1 전 1 전	watd radicals, although riely without carbide for the conditions of particular conditions of particular conditions, in addn to defeat the simultaneously from the simultaneous	pyrolyti bustion, sees of carbide lens or formed	pld Microelemental Auxmination of Carbon, recom, N.O.Korshun, Ye Chem, Acad Sci USSR Chem, Acad Sci USSR Vol Li	7
	44. 12.1	NORTH	1 4 5 4 6 7	M MARCH	
र्क इ			a Free o	6000	
			c decomp silicon these co is form lkoxyl by teta	200 B C C C C C C C C C C C C C C C C C C	
		yebage	silicon carb silicon carb these compds. is formed by alkonyl group by tetraally	2 2 2 2	
		និ ភពមន្តិ	1 2 2 2 2	To USA	
		3 6 7 6	484.24	E MAN
			F. 8 P E.	A 64 .	3
		cals, although they may burn bout carbide formation, if distant carbide formation, if distant of partial pyrolysis. In addn to deth of C and H, uncously from the same cample 15. Presented by Acad A. H	c decompn of organosilicon co silicon carbide is not form these compds. In rapid decom is formed by compds contg a alkanyl groups. Conversely, by tetraalkylsilanes and by	Analysis Method; Similtan, Rydrogen, and Silicon, e. G. Bereznitskays, Inst	Ŕ
			1820		
		> 2 2 2 2 2	270 A T P P P P P P P P P P P P P P P P P P	6, 5, 5	8
		W burn up con , if decompn yels. Under and H, Si can sample with d A. N. Nesse	is not formed by is not formed by n rapid decompn, nuple contg a maphi Couversely, it is lames and by composite the composite composite the composite that is not be composite to the composite that is not formed to the composite that it is not formed to the composite that i	3 588	Scon Corpounds
· · · · · · · · · · · · · · · · · · ·			3 7 2 4 2 3	F 82 8	8
<u>.</u>	N	E E E E E	4 5 4 6	2	122
	8	up com- ecompn is all Under those S1 can be swith an Resmeyanov	apple by rapi ed by all ppn, so sili- naphtbalene it is gener- compds conta 223723	F 5.8 5	11. 21. Jun
	X		78 8 E 7	178 178	X
			123 Control of the co	2 A 4 8	N
	and the second s				

KLIMOVA, V.A. tossa/ Chemistry - Analytical chemistry Card 1/1 : Pub. 145 - 4/10 Authors Morahum, M. O.; Terentyeve, Bv. A.; and Klimova, V. A. Rapid micro-elementary analysis methods. Part 8.-Simultaneous Title microdetermination of 0, H and P in phosphoro-organic compounds of the C,H,O,P and H-composition. Periodical Zhur, anal, khis. 9/5, 275-281, Sep-Oct 1954 A new method for simultaneous micro-determination of C,H, and P in compounds of C,H,O,P and N-composition, is described. The time of one analytical determination is about 1.5 hrs and the deviation from the theory does not exceed 0.35. The advantages of the new method are rapidity, possibility of analyzing substances which do not yield to decomposition by other methods, combined determination of P.C and H. in the very same batch and preservation of the quarts test installation from corrosion. Results obtained by the new method are shown in table. Twenty-nine references: 8-USSR; 6-German; 5-USA; 4-French; 1-Italian; 1-English; 1-Australian; 1-Gsech; 1-Hungarian and 1-Belgian (1898-1953). Institution & Acad. of Sc. USSR, Institute of Elementary-Organic Compounds, Moscow Submitted : July 9, 1954 NIH Translation - /M

USSR/Chemi		F 1
Card 1/1		
Authors	f Klimova, V. A., Korabin, M. O., and Beresnitskaya, E. G.	
Title	! High-speed methods of microelementary analysis. Simultaneous deter	
	mination of carbon, hydrogen, and phosphorus in organo-phosphorus compounds	
Periodical	Pokl. AN 889k, 96, Ed. 2, 287 - 288, May 1954	
Abstract	s New methods for microelementary analysis of organo-phosphorus com- pounds are discussed. Table is included showing the results obtain	ned
Abstract	s New methods for microelementary analysis of organo-phosphorus are-	
Abstract	New methods for microelementary analysis of organo-phosphorus compounds are discussed. Table is included showing the results obtain by such a high speed method and aided by a chromium-oxide-asbestos catalyst. All three elements — carbon, hydrogen, and phosphorus were simultaneously determined in this experiment. According to obtained results, the analysis for carbon and hydrogen is within the limits of conventional accuracy, the accuracy for phosphorus is some what lower but it is hoped that this simultaneous C, H and P-determination method will be improved. Four references; 3 USSR since 1947. Table	
	New methods for microelementary analysis of organo-phosphorus compounds are discussed. Table is included showing the results obtain by such a high speed method and aided by a chromium-oxide-asbestos catalyst. All three elements — carbon, hydrogen, and phosphorus were simultaneously determined in this experiment. According to obtained results, the analysis for carbon and hydrogen is within the limits of conventional accuracy, the accuracy for phosphorus is some that lower but it is hoped that this simultaneous C, H and P-determination method will be improved. Four references; 3 USSR since 1947. Table	

· · · · · · · · · · JOURNAL ARTICLE TRANSLATION franal. No. & Country Translations Issued By R. A. E. Author 512 Rapid Methods of Microelementary M. O. Korshun U.S.S.R. Analysis: 3.-Determination of C and V. A. Klimova H in Mitrocompounds without using Lead Peroxide Zh. anal. Khim.,4 (5), 292-297, Pab., 1955 Source: Index Aeronauticus, Vol. 11, No. 6, p 133, June 1955



"APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723130001-4

Klincon, VA

USSR/ Analytical Chemistry - Analysis of Organic Substances

G-3

Abs Jour

: Referat Zhur - Khimiya, No 4, 1957, 12141

Author

Korshun M.O., Klimova V.A., Chumachenko H.N.

Title

: Letermination of Fluorine in Organic Compounds. (11).

Orig Pub

: Zh. analit. khimii, 1955, 10, No 6, 358-363

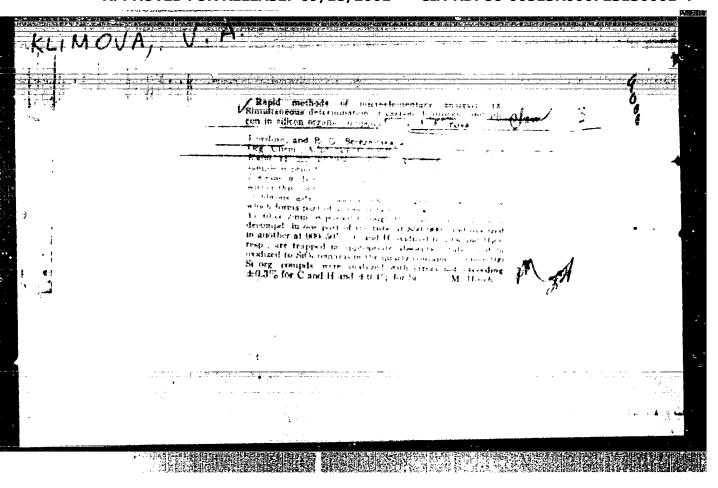
Abstract

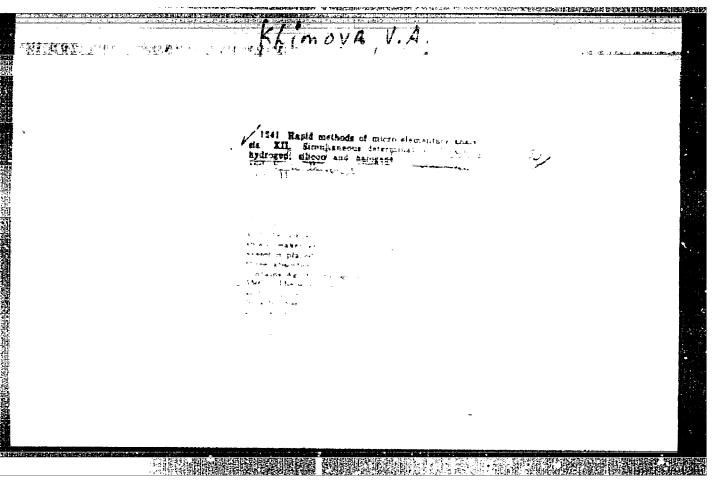
: Description of a semi-micro method for determination of F in organic compounds, which is based on heating the substance with metallic K in a steel micro-tomb at 800-850° and titrating the thus obtained F with a solution of Th(NO₃), Presence of N, S, and halogens does not interfere with the titration. Shown is the possibility of simultaneous determination of F and Cl, and the procedure is described for the determination of F in the presence of P. Communication of P.

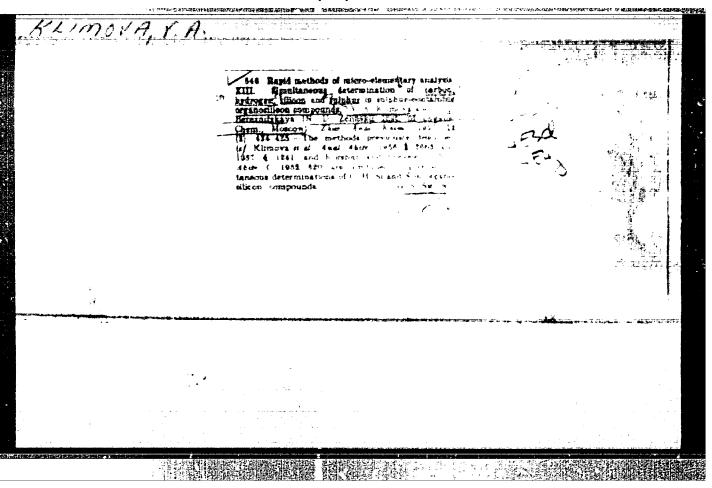
P. Communication 10, see RZhKhim, 1957, 4823.

计范围阻断系统 多加利亚 多地区的

Card 1/1







AUTHORS:

Klimova, V. A., Dubinina, T. F.

THE PERSON OF TH

62-2-1-/28

TITLE:

A New Variant of the Method of Nitregen Determination According to Dumas (Novyy variant noteda opredeleniya azota po Dyuma).

'PERIODICAL:

Izvestiya All SSSR Otdeleriye Khimicheskikh Hauk, 1958, Nr 2, pp. 129-132 (USSR).

ABSTRACT:

In the employment of the above-mentioned method the quantitative exidation of the compound to be investigated is indispensable, so that the entire nitrogen (elementary) can be obtained at the same time. A nitrogen determination in nitryls, nitrates of silver and alkaline metals is, however, not possible in this way. But it is possible to obtain not quite reliable results by means of analyses of the nitro-compounds with a higher number of nitro-groups, heterocyclic compounds, as well as compounds with the system of condensed rings, with angular methyl-groups, methylated amines and others. Some modifications of the micromethod (according to Dumas) were recently suggested for the purpose of determining the nitrogen in the respective compounds. Almost all of these methods are, however, characterized by considerably more complicated

Card 1/3

A New Variant of the Method of Hitrogen Determination According to Dumas.

62-2-1/28

apparatus (and more complicated technique). They do not furnish reliable data. By the authors' opinion the reason for these failures lies in the method of the combustion of the substance during the analysis of a number of nitrogenous compounds. Marten in his interesting paper reports on a new mathed. The author suggests not to fill part of the tube. Into the empty part of the combustion tube a small glass is placed which contains a weighed portion covered with a layer of copper oxide. The combustion takes place in the small glass by gradually moving the burner from the open end of the glass toward its closed part (see figure and table). The present paper now gives a new modification of the micromethod according to Dyuma (Dumas). It was found that in the combustion procass in the small glass on removal of the sample a refilling of the combustion tube is not absolutely necessary (except in a thin layer of hopkalyth), as a comparatively short zone of filling which is placed in the small glass is sufficient for the complete exidation of the compound and the reduction of the exides. It was further shown that by means of the suggested method good results of analysis can be obtained (with an accuracy of ±0,2%). This also applies to slow-burning

Card 2/3

A New Variant of the Method of Mitrogen Determination According to Dumas.

62-2-1/28

compounds.

There are I figure, 1 table, and 6 references.

ASSOCIATION:

Institute for Organic Chemistry imeni N. D. Zelinskiy

AN USSR (Institut organicheskoy khimii imeni H. D.

Zelinskogo Akademii nauk SSSR).

SUBMITTED:

January 18, 1957

AVAILABLE:

Library of Congress

1. Nitrogen-Determination

Card 3/3

AUTHORS:

Klimova, V. A., Anisimova, G. P.

12.10g 全部C 国际电话的电话包装出版的制度区式的发生接触。 [2012] 12.10g 12.10g 12.10g 12.10g 12.10g 12.10g 12.10g 12.10g 12.10g 12.10g

62-58-6-30/37

TITLE:

The Simultaneous Determination of Carbon, Hydrogen and Mitrogen

(Odnovremennoye opredeleniye ugleroda, vodoroda i azota)

PERIODICAL:

Izvestiya Akademii nauk SSSR, Otdeleniye khimicheskikh nauk,

1958, Nr 6, pp. 791 - 792 (USSR)

ABSTRACT:

Besides carbon and hydrogen, nitrogen belongs to those elements which must be determined most frequently in the analysis of organic compounds. The authors suggest a new method which they developed for the purpose of simultaneously determining carbon, hydrogen and nitrogen by means of the pyrolytic decomposition of organic substances in the oxygen current (in an empty tube). Carbon and hydrogen can be determined as before, but nitrogen is determined according to the sum of the oxides formed and of elementary nitrogen. There are 1 table and 5 references, 4

of which are Soviet.

Card 1/2

CIA-RDP86-00513R000723130001-4 "APPROVED FOR RELEASE: 09/18/2001

The Simultaneous Determination of Carbon, Hydrogen 504.62-58-6-30/37 and Mitrogen

ASSOCIATION: Institut organicheskoy khimii im. N.D. Zelinskogo Akadenii nauk

SSSR (Institute of Organic Chemistry imeni N.D.Zelinskiy, AS USSR)

SUBMITTED: Pebruary 14, 1958

> 1. Carbon-Determination 2. Hydrogen-Determination 3. Nitrogen -- Determination 4. Organic compounds -- Analysis

Card 2/2

5(3) AUTHORS:

Klimova, V. A., Zabrodina, K. S.

307/62-59-1-34/38

TITLE:

Microdetermination of the Carbonyl Group by the Oximation Method (Mikroopredeleniye karbonil'noy gruppy metodom oksimirovaniya)

PERIODICAL:

Izvestiya Akademii nuuk SSSR. Otdeleniye khimicheskikh nauk. 1959, Nr 1, pp 175 - 176 (USSR)

ABSTRACT:

The method of microdetermination suggested in this communication is based on the oximation with hydroxylamine hydrochloride in the presence of triethanol maine by which the hydrochloric acid separated in the reaction is neutralised. The excess of triethanol amine is determined by titration with hydrochloric acid. Bromophenol blue is used as an indicator. In order to determine the end of titration more precisely sodium chloride solution is added. The method can be applied for the determination of aldehydes and ketones which in addition to the carbonyl group possess also methylene groups with mobile hydrogen. This method has an

accuracy of + 0.3%. There are 1 table and 4 references.

Card 1/2

"APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723130001-4 The state of the control of the state of the

Microdetermination of the Carbonyl Group by the Oximation Method

507/62-59-1-34/38

ASSOCIATION:

Institut organicheskoy khimii im. N. D. Zelinakogo Akademii nauk SSSR (Institute of Organic Chemistry imeni N. D. Ze-

linskiy of the Academy of Sciences, USSR)

SUBMITTED:

June 20, 1958

Card 2/2